

Title (en)  
S-triazin-derivatives having at least one grafted para-aminobenzalmalonic acid salt and sun screening preparations comprising those derivatives

Title (de)  
S-Triazin-Derivate, die wenigsten ein gepropftes para-Aminobenzalmalonsäuresalz enthalten und diese enthaltende Sonnenschutzzusammensetzungen.

Title (fr)  
Nouveaux dérivés de s-triazine possédant au moins un sel d'acide para-amino benzalmalonique greffé et compositions cosmétique photoprotectrices contenant ces dérivés

Publication  
**EP 1466908 A1 20041013 (FR)**

Application  
**EP 04290373 A 20040212**

Priority  
FR 0302562 A 20030303

Abstract (en)  
New s-triazine derivatives with grafted salts of para-aminobenzalmalonic acid with absorption properties for UV-A and UV-B radiation which can be incorporated in cosmetic formulations for photoprotection of the skin and hair. Compounds of general formula (1); [Image] R 1, R 1' and R 1'' : Either a chromophore group corresponding to one of the formulae (2 - 8) on condition that at least one radical R 1, R' 1 and R'' 1 is a chromophore group (2) and no more than one is a chromophore group (3) or (ii) OH, 1 - 20C alkoxy or 1 - 20C mono- or dialkylamino(the radicals may contain one or more atoms of O, Si or siloxane groups. [Image] R 21 - 8C alkyl; n : 0, 1 or 2; A : H. alkali metal(Na or K), ammonium, 1 - 20C mono-, di or tri-ammonium, or 2 - 20C mono-di or tri-alkanolammonium; R 3 and R 4 1 20C alkyl or alkoxy, or 2 - 20C alkene(the radicals may contain one or more atoms of O, Si or trisiloxane groups); R 5H or OH; X : O, S or NR 6; R 6H or 1 - 4C alkyl. Independent claims are also included for compositions containing the s-triazine derivatives and their uses.

Abstract (fr)  
L'invention concerne des compositions photoprotectrices, comprenant des dérivés de s-triazine de formule (1) possédant au moins un sel d'acide para-amino benzalmalonique greffé à titre de filtres solaires actifs dans le domaine des rayonnements UV. <IMAGE> dans laquelle au moins un des radicaux R1,R1' et R1'', identiques ou différents, désigne un groupe chromophore répondant à la formule <IMAGE>

IPC 1-7  
**C07D 251/70**; **A61K 7/42**; **C08K 5/3492**; **C07D 251/52**; **C07D 251/48**

IPC 8 full level  
**C07D 251/70** (2006.01); **A61K 8/00** (2006.01); **A61K 8/49** (2006.01); **A61K 8/91** (2006.01); **A61Q 17/04** (2006.01); **C07D 251/48** (2006.01); **C07D 251/52** (2006.01); **C08L 83/04** (2006.01); **C08K 5/3492** (2006.01)

CPC (source: EP)  
**A61K 8/4966** (2013.01); **A61P 17/16** (2017.12); **A61Q 17/04** (2013.01); **C07D 251/48** (2013.01); **C07D 251/52** (2013.01); **C07D 251/70** (2013.01); **C08K 5/34922** (2013.01)

Citation (search report)  
• [DA] EP 0790243 A1 19970820 - OREAL [FR]  
• [DA] EP 0507691 A1 19921007 - OREAL [FR]

Cited by  
FR2922889A1; WO2009053149A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1466908 A1 20041013**; FR 2852010 A1 20040910; FR 2852010 B1 20050415; JP 2004262942 A 20040924; JP 4301561 B2 20090722

DOCDB simple family (application)  
**EP 04290373 A 20040212**; FR 0302562 A 20030303; JP 2004059492 A 20040303